

What is claimed is:

1. A stimulable phosphor panel, comprising:
  - i) a support plate, and
  - ii) a stimulable phosphor layer, which is overlaid  
5 on the support plate,

the stimulable phosphor panel being adapted to be located in a radiation image read-out apparatus capable of performing a radiation image read-out operation for reading out a radiation image, which has been stored on the stimulable  
10 phosphor layer of the stimulable phosphor panel,

wherein the stimulable phosphor panel is provided with position adjusting members, each of which has a position adjusting reference surface for adjustment of a position of the stimulable phosphor panel at the time of an operation for locating the  
15 stimulable phosphor panel in the radiation image read-out apparatus, such that the position adjusting members are capable of being displaced, and

a spacing between the position adjusting reference surface of each of the position adjusting members and a surface of the stimulable phosphor layer is capable of being adjusted with an operation for displacing each of the position adjusting  
20 members.

2. A stimulable phosphor panel as defined in Claim 1 wherein the stimulable phosphor panel is adapted to be located in the radiation image read-out apparatus, which is constituted  
25 as a radiation image recording and read-out apparatus capable

of performing both the radiation image read-out operation and a radiation image recording operation for recording the radiation image on the stimulable phosphor panel located in the radiation image read-out apparatus.

5           3. A stimulable phosphor panel as defined in Claim 1 wherein the support plate has internally threaded holes, which are open at a bottom surface of the support plate,

10          each of the position adjusting members comprises an external thread section, which is engaged with one of the internally threaded holes of the support plate, and a bottom surface section, which is formed under the external thread section, and

15          a bottom end face of the bottom surface section of each of the position adjusting members acts as the position adjusting reference surface.

4. A stimulable phosphor panel as defined in Claim 2 wherein the support plate has internally threaded holes, which are open at a bottom surface of the support plate,

20          each of the position adjusting members comprises an external thread section, which is engaged with one of the internally threaded holes of the support plate, and a bottom surface section, which is formed under the external thread section, and

25          a bottom end face of the bottom surface section of each of the position adjusting members acts as the position adjusting reference surface.

5. A stimulable phosphor panel as defined in Claim  
1 wherein the support plate has through-holes,

each of the position adjusting members is constituted  
of a micrometer head, whose shaft is inserted into one of the  
5 through-holes of the support plate, and

a bottom end of the shaft of the micrometer head acts  
as the position adjusting reference surface.

6. A stimulable phosphor panel as defined in Claim  
2 wherein the support plate has through-holes,

10 each of the position adjusting members is constituted  
of a micrometer head, whose shaft is inserted into one of the  
through-holes of the support plate, and

a bottom end of the shaft of the micrometer head acts  
as the position adjusting reference surface.

15 7. A stimulable phosphor panel as defined in Claim  
1 wherein the support plate has holes, which are open at a bottom  
surface of the support plate,

20 each of the position adjusting members is constituted  
of a block, which is inserted into one of the holes of the support  
plate, and a spacer, which is inserted between the block and  
the support plate, and

a bottom end face of the block acts as the position  
adjusting reference surface.

25 8. A stimulable phosphor panel as defined in Claim  
2 wherein the support plate has holes, which are open at a bottom  
surface of the support plate,

each of the position adjusting members is constituted of a block, which is inserted into one of the holes of the support plate, and a spacer, which is inserted between the block and the support plate, and

5 a bottom end face of the block acts as the position adjusting reference surface.

9. A stimulable phosphor panel as defined in Claim 1 wherein the support plate is provided with a mounting surface, which is formed at a marginal area of the support plate, the  
10 marginal area being located on the side of the stimulable phosphor layer,

each of the position adjusting members is constituted of a flat plate, which is capable of being fitted to the mounting surface via a spacer, and

15 a bottom surface of the flat plate acts as the position adjusting reference surface.

10. A stimulable phosphor panel as defined in Claim 2 wherein the support plate is provided with a mounting surface, which is formed at a marginal area of the support plate, the  
20 marginal area being located on the side of the stimulable phosphor layer,

each of the position adjusting members is constituted of a flat plate, which is capable of being fitted to the mounting surface via a spacer, and

25 a bottom surface of the flat plate acts as the position adjusting reference surface.